

Regulatory Tracking Summary

24 August 2007

This report summarizes regulatory items reviewed by the NASA RRAC PC. Items that appeared to have limited interest to the NASA community, or are provided for information only, are shown in light gray text. Notes and comments by the RRAC PC are shown in bold, blue text under "Description." Related documents and citations, such as "71 FR 51967," are linked to the appropriate document for quick access. Suggested follow-up actions are noted with significant items; users are advised that other follow-up actions may be appropriate for their program or facility.

Previous issues of this regulatory summary are archived on the RRAC PC website at http://www.rracpc.org. Comments, questions, suggestions, and requests for further information should be directed to the RRAC PC Lead, Sharon Scroggins/MSFC at 256-544-7932 (sharon.scroggins@nasa.gov).

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Acronyms

ANPRM = Advance Notice of Proposed Rulemaking

CAAWG = Clean Air Act Working Group

CAIR = Clean Air Interstate Rule

CCR = California Code of Regulations

CEQA = California Environmental Quality Act

CERCLA = Comprehensive Environmental Response,

Compensation, and Liability Act CFR = Code of Federal Regulations

 CO_2 = Carbon dioxide

CRNR = California Regulatory Notice Register

DEA = Drug Enforcement Administration

DG = Distributed generation

EGBE = Ethylene glycol monobutyl ether

EGU = Electrical generator

EIS = Environmental Impact Statement

EMD = Environmental Management Division

EO = Executive order

EPA = U.S. Environmental Protection Agency

ETBE = Ethyl tertiary butyl ether

F.A.C. = Florida Administrative Code

FAR = Federal Acquisition Regulation

FAW = Florida Administrative Weekly

FDEP = Florida Department of Environmental Protection

FR = Federal Register

FY = Fiscal year

GHG = Greenhouse gas

GOP = General Operating Permit

GSE = Ground support equipment

HAP = Hazardous air pollutant

HFC = Hydrofluorocarbon

HQ = Headquarters

HRSD = Hampton Roads Sanitation Department

HTML = Hypertext Markup Language

IRIS = Integrated Risk Information System

kg = Kilogram

KSC = Kennedy Space Center

LAC = Louisiana Administrative Code

LDEQ = Louisiana Department of Environmental Quality

LPFET = Low-Pressure Fuel Evaporative System Test

MAF = Michoud Assembly Facility

MS4 = Municipal separate storm sewer system

MSFC = Marshall Space Flight Center

NAAQS = National ambient air quality standards

NASA = National Aeronautics and Space Administration

NEPA = National Environmental Protection Act

NESHAP = National Emission Standards for Hazardous Air Pollutants

NOx = Nitrogen oxide

NPDES = National Pollutant Discharge Elimination System

NPRM = Notice of Proposed Rulemaking

OAC = Ohio Administrative Code

OEPA = Ohio Environmental Protection Agency

PEIS = Program Environmental Impact Statement

PFAC = Perfluoroalkyl carboxylates

PFAS = Perfluoroalkyl sulfonates

PFC = Perfluorocarbon

ppm = Parts per million

RCRA = Resource Conservation and Recovery Act

RIN = Regulatory Identification Number

RRAC PC = Principal Center for Regulatory Risk Analysis

and Communication

SF6 = Sulfur hexafluoride

SIP = State Implementation Plan

SNUR = Significant New Use Rule

TAC = Texas Administrative Code TBD = To be determined

TCEQ = Texas Commission on Environmental Quality

TMDL = Total maximum daily limit

TS-R-1 = International Atomic Energy Agency Regulations

for the Safe Transport of Radioactive Material

U.N. = United Nations

U.S. = United States

VA.R. = Virginia Register

VAC = Virginia Administrative Code

VOC = Volatile organic compound

VPDES = Virginia Pollutant Discharge Elimination System

WCI = Western Climate Initiative

1.0 U.S. Federal Regulatory Review

1.1 Federal Register Summary

This summary includes FR items that were reviewed for potential impacts on NASA Centers and Programs.

RRAC PC Tracking Number	Subject	Date	Citation	Type Action	Description	Suggested Actions	
FED-2007-175	Climate Change	08/21/2007	72 FR 46610	Notice	U.S. Climate Change Science Program Synthesis and Assessment Product Draft Report 4.4: "Preliminary Review of Adaptation Options for Climate-Sensitive Ecosystems and Resources" Announces the availability of the draft document titled U.S. Climate Change Science Program Synthesis and Assessment Product 4.4: "Preliminary Review of Adaptation Options for Climate-Sensitive Ecosystems and Resources." The document analyzes information about the state of knowledge of adaptation options for key, representative ecosystems and resources that may be sensitive to climate variability and change. Comments are due 10/05/2007 [RIN XC06].		
FED-2007-176	Climate Change	08/21/2007	72 FR 46611	Notice	U.S. Climate Change Science Program Synthesis and Assessment Product Draft Report 3.3: "Weather and Climate Extremes in a Changing Climate. Regions of Focus: North America, Hawaii, Caribbean, and U.S. Pacific Islands" Announces the availability of the draft document titled U.S. Climate Change Science Program Synthesis and Assessment Product 3.3: "Weather and Climate Extremes in a Changing Climate. Regions of Focus: North America, Hawaii, Caribbean, and U.S. Pacific islands." Comments are due 10/05/2007 [RIN XC07].		
FED-2007-177	FAR Clauses	08/17/2007	72 FR 46359	Interim Rule	Department of Defense; General Services Administration; National Aeronautics and Space Administration Federal Acquisition Regulation; FAR Case 2006-025, Online Representations and Certifications Application Review [48 CFR Part 23] Announces an interim rule amending the FAR to revise the prescription for use of clauses for the use of EPA-designated products and toxic chemical release reporting. Comments are requested, which will be used in preparing the final rule. Effective 08/17/2007. Comments are due 10/16/2007 [RIN 9000-AK76].		
FED-2007-178	Emergency Acquisitions	08/17/2007	72 FR 46342	Final Rule	Department of Defense; General Services Administration; National Aeronautics and Space Administration Federal Acquisition Regulation; FAR Case 2005-038, Emergency Acquisitions [48 CFR Part 18] Finalizes the interim rule published 07/05/2006 (71 FR 38247) to amend the FAR to provide a single reference to acquisition flexibilities that may be used to facilitate and expedite acquisitions of supplies and services during emergency situations. Effective 09/17/2007 [RIN 9000-AK50].		

RRAC PC Tracking Number	Subject	Date	Citation	Type Action	Description	Suggested Actions
FED-2007-179	Hazardous Materials	08/20/2007	72 FR 46483	Notice Workshop	Draft Toxicological Review of Tetrahydrofuran: In Support of the Summary Information in the Integrated Risk Information System (IRIS) Announces public comment period and an external peerreview workshop to review the external review draft document titled, "Toxicological Review of Tetrahydrofuran: In Support of Summary Information on the Integrated Risk Information System (IRIS)." Comments are due 10/18/2007. Workshop is scheduled for 9:00 a.m., 11/01/2007, at the American Geophysical Union, Washington, DC. Workshop registration deadline is	NASA Programs should identify interest in tetrahydrofuran to <u>HO/EMD and</u> <u>RRAC PC</u> .
FED-2007-180	Hazardous Waste	08/17/2007	72 FR 46218	Notice	10/22/2007. Federal Agency Hazardous Waste Compliance Notice of 22nd update of the Federal Agency Hazardous Waste Compliance Docket.	
					Announces the availability of an update to the hazardous waste compliance docket for federal facilities, as required under CERCLA Section 120(c). This update contains 13 additions and 2 deletions since the previous update, as well as other corrections to the docket list, which contains information about 2,293 federal facilities. The list is current as of 11/04/2006. Further information is available at: http://www.epa.gov/fedfac/documents/docket.htm .	
FED-2007-181	Nanoscale Materials	08/13/2007	72 FR 45244	Notice	Material Characterization of Nanoscale Materials; Notice of Public Meeting Announces public scientific peer consultation meeting on material characterization for nanoscale materials to inform the development of the Nanoscale Materials Stewardship Program. Requests comments at the public meeting regarding the following: Characteristics currently used or potentially available to characterize nanoscale materials Rationale for the use of these characteristics Issues to consider regarding the use of these characteristics Meeting will be held on 9/06/2007 and 09/07/2007. Comments are due before the start of the meeting.	
FED-2007-182	Nanoscale Materials	08/16/2007	72 FR 46101	Notice	National Nanotechnology Coordination Office Nanoscale Science, Engineering and Technology Subcommittee, National Science and Technology Council, Committee on Technology; Priorities for Environmental, Health, and Safety Research Related to Engineered Nanoscale Materials: An Interim Document for Public Comment Notice of public comment period for document entitled, "The Prioritization of Environmental, Health, and Safety Research Needs for Engineered Nanoscale Materials: An Interim Document for Public Comment" that assigns priority to research needs and areas. Requests comments about the ranking of the priorities and whether additional or different research should be among the top priorities. Comments are due 09/17/2007.	
FED-2007-183	NEPA NASA Constellation Draft Programmatic EIS	08/10/2007	72 FR 45073	Notice of Availability	NASA NEPA; Constellation Program Announces availability of a Draft PEIS for the proposed Constellation Program. The draft PEIS is intended to assist in the NASA decision-making process. NASA solicits public review and comment. Comments are due 09/30/2007. Further information about the Constellation Program EIS is posted on NASA's website.	

RRAC PC Tracking Number	Subject	Date	Citation	Type Action	Description	Suggested Actions
FED-2007-184	Nuclear Medical Use	08/13/2007	72 FR 45147	Direct Final Rule	Nuclear Regulatory Commission Medical Use of Byproduct Material–Minor Corrections and Clarifications [10 CFR Parts 32 and 35] Amends regulations to clarify and make conformatory changes related to the requirements for the medical use of nuclear byproduct material. Comments are due 09/12/2007. Effective 10/29/2007 [RIN 3150-Al14]. Some x-ray and imaging equipment uses nuclear byproduct materials.	NASA facilities with medical equipment that contains nuclear byproduct material should be aware of these requirements.
FED-2007-185	Nuclear Plum Brook Reactor Facility	08/20/2007	72 FR 46521	Notice	Nuclear Regulatory Commission Notice of Consideration of Issuance of Amendment to Facility Operating Licenses, Proposed No Significant Hazards Consideration Determination, and Opportunity for a Hearing; Plum Brook Reactor Facility, Docket Nos. 50-30 and 50-185, Sandusky, Ohio Proposes to determine that two amendments requested by NASA involve no significant hazards consideration. The requested amendments relate to the Facility Operating Licenses of the two research reactors located at Plum Brook Reactor Facility, Sandusky, Ohio. The amendments include revisions to the Technical Specifications, and incorporation of a Final Status Survey Plan (Revision 1). Proposed revisions include administrative changes, revised facility descriptions, new definitions, and minor program changes.	
FED-2007-186	Nuclear Transport	08/13/2007	72 FR 45302	Notice	Pipeline and Hazardous Materials Safety Administration Hazardous Materials: Request for Comments on Issues or Problems Concerning International Atomic Energy Agency Regulations for the Safe Transport of Radioactive Materials Seeks comments regarding issues or problems concerning requirements in the International Atomic Energy Agency Regulations for the Safe Transport of Radioactive Material (referred to as TS-R-1). The focus of this solicitation is to identify issues or problems with the 2005 edition of TS-R-1. Comments are due 09/05/2007.	NASA facilities that transport radioactive material should consider reviewing requirements.

1.2 Status of Continuing Actions in Progress

This section provides the status of selected actions the RRAC PC is actively tracking. Questions about any of these actions or suggestions for additions to this list should be directed to Sharon Scroggins/MSFC.

Significant Dates		Subject Action [RIN]	Type of Action	Comments
NPRM Final Action	08/2007 08/2008	NESHAP: Defense Land Systems and Miscellaneous Equipment [2060-AM84]	Pre-rule	Possible effects on ground operations. Will cover surface cleaning, preparation, coating, and stripping operations on non-flight hardware at some NASA facilities. Could affect launch pads and GSE.

Significant Dates			Subject Action [RIN]	Type of Action	Comments
ANPRM	03/29/2007	<u>72 FR</u>	NESHAP: Risk	Pre-rule	Possible space vehicle operational or materials impacts.
NPRM Final	08/2007 06/2009	<u>14734</u>	and Technology Review, Phase II [2060–AN85]		Evaluation of residual risk remaining after the implementation of numerous NESHAPs, including those regulating the Aerospace and Chrome Electroplating source categories. This rulemaking represents a relatively low risk of EPA imposing limits on HAP and VOC levels contained in coatings, cleaning solvents, and other materials used on flight hardware. Potential further restrictions on the chrome electroplating or other source categories also could affect vendor facilities.
NPRM	08/2007		Area Sources:	Pre-rule	Possible space vehicle operational or materials impacts.
Final Action	12/2007		Surface Coating and Paint Stripping [2060-AN21]		EPA has merged three area source categories into one standard: Autobody Refinishing; Plastic Parts and Products Surface Coating; and Paint Stripping. The resulting standard will regulate certain surface coating, cleaning, and paint stripping operations at area sources of HAPs, potentially including some space vehicle operations. For NASA, KSC and MSFC are major sources of HAPs. Other NASA Centers that have HAP emissions would be considered as area sources.
NPRM	01/03/2007	<u>72 FR</u>	NESHAP General	Proposed Rule	Possible impacts to facilities, including space flight support facilities.
Final Action	12/2007	<u>69</u>	Provisions—Once In, Always In [2060-AM75]		KSC and MSFC currently are major sources of HAPs; MAF recently attained "synthetic minor" status. As proposed, this rule potentially could allow MAF to be considered an area source, no longer subject to any NESHAP requirements for major sources. However, this rule also would require any facility switching from major source to area source status to comply with any applicable area source regulations.
NPRM	03/07/2006	<u>71 FR</u>	SNUR:	Proposed	Possible space vehicle materials impacts.
Final Action	01/2008	<u>11483</u>	Perfluorinated Polymers [2070-AD58]	Rule	Rule would require manufacturers to notify EPA of any new materials or significant uses of perfluorinated polymers including those containing PFASs; PFACs; fluorotelomers; or perfluoroalkyl moieties that are covalently bound to a carbon or a sulfur atom where the carbon or sulfur atom is an integral part of the polymer molecule.
NPRM	08/11/2006	<u>71 FR</u>	DEA: lodine	Final Rule	Possible space vehicle materials impacts.
Final Action Correction	07/02/2007	46144 72 FR 35920 72 FR	_ [1117-AA93] -		Changes the regulation of iodine due to its uses related to illicit drug manufacturing. Key points of the rule include the following: • Moves iodine from List II to List I.
to Final Action	0112412001	<u>40238</u>			 Removes the iodine threshold (reduced from 0.4 kg to 0 kg). Adds import and export regulatory controls. Controls chemical mixtures containing greater than 2.2 percent iodine. A regulatory alert was prepared on this rulemaking and is available on the RRAC PC website.

1.3 Status of Emerging Actions and Other Issues

This section provides the status of other developing environmental- or safety-related initiatives of potential interest to the NASA community. These items have been identified and are being monitored by the EMD, NASA HQ. Because of their emerging nature, specific details for some items may be unknown at this time. For items related to EPA's IRIS, links are provided to the status page for that chemical in the IRIS Chemical Tracking System.

Risk assessment updates for specific materials could prompt more stringent future regulatory requirements for that material. To assist in determining NASA's interest in these issues, please respond where indicated to Dr. Linda Wennerberg/HQ (linda.s.wennerberg@nasa.gov) and Sharon Scroggins/MSFC (sharon.scroggins@nasa.gov) with any potential programmatic or facilities-related impacts, or with suggestions of other significant items for addition to this matrix.

Items in red text are being actively worked and require a response to HQ/EMD regarding any NASA usage and potential impacts by 14 September 2007.

Tracking Number	Italic	Significant Dates indicates estimate		Subject Action [RIN]	Type of Action	Comments	
EM-2007-01	Notice	07/03/2007	72 FR 36456	CERCLA: Polybrominated	Interaction Profile	Possible future materials obsolescence driver	
	Draft Final	TBD TBD	30430	Diphenyl Ethers and Phthalates	Tione	Interaction profile for: Chlorinated dibenzo-p-dioxins Polybrominated diphenyl ethers Phthalates	
						Interaction profiles are developed for chemical mixture hazardous substances to evaluate data regarding the toxicology of the whole mixture and regarding the joint toxic action of the chemicals in the mixture. These data may be used to recommend approaches for exposure-based assessment, and eventually could result in more restrictive environmental and safety regulation of these materials.	
EM-2007-02	Identify NASA	09/14/2007		<u>Beryllium</u>	IRIS Risk	Possible future materials obsolescence driver	
	interest in material to HO/EMD	10/00/0007		_	Assessment Update	Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this	
	Public Availability	12/20/2007				material.	
EM-2007-03	Identify NASA	09/14/2007		<u>Carbon</u>	IRIS Risk	Possible future materials obsolescence driver	
	interest in material to <u>HQ/EMD</u>			<u>Tetrachloride</u>	Assessment Update	Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this	
	Public Availability	11/19/2007				material.	
EM-2007-04	Identify NASA	09/14/2007		Cerium and	IRIS Risk Assessment Update	Possible future materials obsolescence driver	
	interest in material to <u>HQ/EMD</u>			<u>Compounds</u>		Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this	
	Public Availability	01/15/2008				material.	
EM-2007-05	Identify NASA	09/14/2007		<u>Copper</u>	IRIS Risk Assessment Update	Possible future materials obsolescence driver	
	interest in material to <u>HQ/EMD</u>					Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this	
	Public Availability	02/21/2008				material.	
EM-2007-06	Identify NASA	09/14/2007		<u>Cis-1,2-</u>	IRIS Risk	Possible future materials obsolescence driver	
	interest in material to			Dichlorethylene	Assessment Update	Please respond as noted above with any	
	HQ/EMD				opuato	potential issues associated with future regulatory restrictions on the manufacture or use of this	
	Public Availability	11/08/2007				material.	
EM-2007-07	Identify NASA	09/14/2007		Trans-1,2-	IRIS Risk	Possible future materials obsolescence driver	
	interest in material to <u>HQ/EMD</u>			<u>Dichloroethylene</u>	Assessment Update	Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this	
	Public Availability	11/30/2007				material.	
EM-2007-08	Identify NASA	09/14/2007		<u>ETBE</u>	IRIS Risk	Possible future materials obsolescence driver	
	interest in material to HQ/EMD				Assessment Update	Please respond as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this	
	Public Availability	10/29/2007				restrictions on the manufacture or use of this material.	

Tracking Number		ignificant Dates dicates estimated date	Subject Action [RIN]	Type of Action	Comments
EM-2007-09	Identify NASA interest in material to HO/EMD	09/14/2007	EGBE	IRIS Risk Assessment Update	Possible future materials obsolescence driver Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this
	Public Availability	10/23/2007			material.
EM-2007-10	Identify NASA	09/14/2007	2-Hexanone	IRIS Risk	Possible future materials obsolescence driver
	interest in material to HO/EMD	10/12/2007	-	Assessment Update	Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this
	Public Availability	10/12/2007			material.
EM-2007-11	Identify NASA	09/14/2007	Pentachlorophenol	IRIS Risk	Possible future materials obsolescence driver
	interest in material to <u>HQ/EMD</u>		-	Assessment Update	Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this
	Public Availability	12/06/2007			material.
EM-2007-12	Identify NASA	09/14/2007	<u>Propionaldehyde</u>	IRIS Risk	Possible future materials obsolescence driver
	interest in material to <u>HQ/EMD</u>		-	Assessment Update	Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this
	Public Availability	11/29/2007			material.
EM-2007-13	Identify NASA 09/14/2007 interest in		<u>Thallium</u>	IRIS Risk Assessment	Possible future materials obsolescence driver
	material to HO/EMD Public Availability	12/01/2007	-	Update	Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this material.
EM-2007-14	Identify NASA	09/14/2007	Trichloroacetic acid	IRIS Risk	Possible future materials obsolescence driver
	interest in material to HO/EMD			Assessment Update	Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this
	Public Availability	11/21/2007			material.
EM-2007-15	Identify NASA	09/14/2007	1,2,3-	IRIS Risk	Possible future materials obsolescence driver
	interest in material to <u>HQ/EMD</u>		<u>Trichloropropane</u>	Assessment Update	Please <u>respond</u> as noted above with any potential issues associated with future regulatory restrictions on the manufacture or use of this
	Public Availability	09/28/2007			material.
EM-2007-16	Draft	TBD	Asbestos, Non-	IRIS Risk	Possible future materials obsolescence driver
	NASA review defe draft.	erred pending completion of EPA	cancer Effects	Assessment Update	May be used in certain rocket and missile applications.
EM-2007-17	Draft	TBD	Cadmium	IRIS Risk	Possible future materials obsolescence driver
	draft.	erred pending completion of EPA		Assessment Update	Used to plate fasteners in aerospace and other applications.
EM-2007-18	Draft NASA review defedraft.	TBD erred pending completion of EPA	<u>Styrene</u>	IRIS Risk Assessment Update	Possible future materials obsolescence driver
EM-2007-19	Draft NASA review defedraft.	TBD erred pending completion of EPA	1,1,2,2- Tetrachloroethane	IRIS Risk Assessment Update	Possible future materials obsolescence driver
EM-2007-20	Draft	TBD	<u>Tetrachloroethylene</u>	IRIS Risk	Possible future materials obsolescence driver
	NASA review defedraft.	erred pending completion of EPA		Assessment Update	Also known as perchloroethylene.

Tracking Number	Significant Dates Italic indicates estimated date	Subject Action [RIN]	Type of Action	Comments
EM-2007-21	Draft TBD	Trichloroethylene	IRIS Risk	Possible future materials obsolescence driver
	NASA review deferred pending completion of EPA draft.	A	Assessment Update	Trichloroethylene is used in precision cleaning and cleanliness verification applications; and may be a component of coatings or other materials.

1.4 Significant News and Other Developments

1.4.1 EPA's New Sustainability Research Strategy

The EPA Sustainability Research Strategy under development by EPA's Office of Research and Development is intended to outline a new environmental protection paradigm for the agency. The strategy, expected to be finalized in October, will expand EPA's original emphasis on regulating pollution toward establishing sustainable policies that affect ecosystems, land development, and other broad areas including energy and transportation. EPA's new focus will address U.S. and world population growth and the corresponding increase in demand for water, land, and other natural resources.

Sustainability research involves developing technologies, methods and measurement metrics that can enable EPA, other government agencies and private industry to minimize the adverse environmental impacts of air emissions, water pollution, energy use, and the handling and management of toxic chemicals and waste.

The 13 June 2007 <u>draft</u> of the Sustainability Research Strategy and additional information are available at http://www.epa.gov/sustainability.

1.4.2 Western Climate Initiative Sets Regional Greenhouse Gas Reduction Goal

The WCI is a collaborative group of six states and two Canadian provinces committed to reducing GHG emissions in the West. Those participating in the WCI must work toward achieving the regional goal, as well as establishing individual goals for their states or provinces. Members include Arizona, California, New Mexico, Oregon, Utah, Washington, British Columbia, and Manitoba.

On 22 August 2007, the WCI partners announced their regional greenhouse gas emission reduction goal of 15 percent below 2005 levels by 2020. Partners are to pursue this goal through comprehensive and economy-wide actions, which may include market-based mechanisms; reduction measures for specific sectors such as energy supply, waste management, agriculture, forestry, and others; and measures targeted to reduce emissions of any GHG reported to the U.N. Framework Convention on Climate Change by the EPA and Environment Canada, to include CO₂, methane, NOx, HFCs, PFCs, and SF⁶.

Additional information regarding the WCI is available at: http://www.westernclimateinitiative.org.

1.4.3 Reminder-EPA Will Hold Hearings on Proposal to Strengthen Ozone Standard

EPA is proposing to revise the primary and secondary NAAQS standards for ground-level ozone [72 FR 37817]. The primary 8-hour ozone standard is currently set at 0.08 ppm. The

proposed standard is within a range of 0.070 to 0.075 ppm. EPA also is requesting comments about alternative standards within a range from 0.060 ppm to 0.08 ppm. Further information regarding the Ozone NAAQS is posted at EPA's <u>website</u>.

EPA has scheduled [72 FR 37682] five hearings on the proposal to encourage public comments. The locations and dates of the hearings are listed below:

Date and Time	City	Location		
		Radisson Plaza-Warwick Hotel Philadelphia		
30 August 2007, 9:00 a.m.	Philadelphia	Crystal Ballroom 1701 Locust St., (215) 735-6000 Philadelphia, PA 19103		
30 August 2007, 7.00 a.m.		Wilshire Grand Los Angeles		
	Los Angeles	Garden West Room, 930 Wilshire Blvd. (213) 688-7777 Los Angeles, CA 90017		
		Atlanta Federal Center – Conference Center		
		NOTE: People entering the Atlanta Federal Center must have a valid picture ID such as a driver's license.		
	Atlanta	2nd Floor-Conference Room B 61 Forsyth St., S.W. Atlanta, GA 30303		
5 September 2007, 9:00 a.m.		Westin Michigan Avenue Chicago		
	Chicago	Governor's Suite 909 North Michigan Ave. (312) 943-7200 Chicago, IL 60611		
		Houston Marriott West Loop by the Galleria		
	Houston	Emerald Rooms 4 & 5 1750 West Loop (713) 960-0111 South Houston, TX 77027		

1.5 Clean Air Act Working Group Updates

1.5.1 Clean Air Act Working Group Telecons for 2007

The CAAWG will hold telecons on the following Wednesdays in 2007 at 2 p.m. ET, 1 p.m. CT, 12 p.m. MT, and 11 a.m. PT:

- 19 September 2007
- 17 October 2007
- 14 November 2007
- 19 December 2007

2.0 State Regulatory Reviews

The following sections provide details of regulatory actions reviewed for states in which NASA facilities are located.

2.1 Alabama State Regulatory Review

No items of interest were identified during this reporting period for the state of Alabama.

2.2 California State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and Programs in California. Citations of the <u>CRNR</u> are linked to the appropriate volume of the Register, which is published in Adobe Acrobat (.pdf) file format.

	(1 /						
Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions	
CA-2007-78	Air	08/17/2007	<u>CRNR</u>	Proposed Rule	Air Resources Board		
	Distributed Generated		2007, 33z, p. 1376		Distributed Generation Certification Regulation [17 CCR 94201-94204 and 94207-94212]		
	Certification Regulation		<u>CRNR</u> 2007, 34z, p. 1419		Proposes amendments to Title 17 regulations that implement distributed generation certification requirements for distributed generation equipment (DG Units). Effective 09/07/2007.		
CA-2007-79	Endangered	08/13/2007	<u>72 FR</u>	Proposed	Fish and Wildlife Service		
	Species		<u>48177</u>	Rule	Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for <i>Euphydryas editha</i> bayensis (Bay Checkerspot Butterfly) [50 CFR 17]		
					Proposes to revise currently designated critical habitat for <i>Euphydryas editha bayensis</i> (Bay Checkerspot Butterfly) under the Endangered Species Act of 1973. The proposed revision to critical habitat is located in San Mateo and Santa Clara Counties. Comments are due 10/22/2007 [RIN 1018-AV24.].		
CA-2007-80	Forestry Fuel Hazard Reduction	08/17/2007	<u>CRNR</u>	Proposed Rule	Board of Forestry and Fire Protection		
			2007, 33z, p. 1350		Emergency Notice for Fuel Hazard Reduction, 2007 [14 CCR 895.1, 1052,1052.1, and 1052.4]		
					Proposes to modify fuel treatment standards and the minimum post-harvest stocking standards; to clarify treatment requirements; and to establish a rule extension period. The Board will hold a public hearing on 10/10/2007.		
CA-2007-81	Forestry	08/17/2007	CRNR	Proposed	Board of Forestry and Fire Protection		
	Forest Fire		2007, 33z, p. 1355	Rule	Forest Fire Prevention Exemption, 2007 [14 CCR 1038]		
	Prevention		p. 1000		Proposes to exempt persons who are harvesting trees and other commercial forest products for the purpose of reducing the rate of fire spread, fire duration and intensity, fuel ignitability, and ignition of tree crowns from preparing and submitting Timber Harvest Plans, completion reports, and stocking reports. The Board will hold a public hearing on 10/10/2007. Comments are due 10/01/2007.		

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA-2007-82	Motor Vehicles Vehicle Testing	08/17/2007	CRNR 2007, 33z, p. 1376	Rule Amendment	Bureau of Automotive Repair Low-Pressure Fuel Evaporative System Test/Directed Vehicle Testing [16 CCR 3340.16, 3340.42, and 3392.2]	
					Implements changes to two elements of the Smog Check Program: Requires a LPFET for certain vehicles. Provides for the initial testing of certain vehicles by Gold Shield stations. Effective 08/01/2007.	
CA-2007-83	Recycling	08/17/2007	CRNR	Proposed	Department of Conservation	
	Fees		2007, 33z, p. 1358	Rule	Handling Fee Permanent Regulations [14 CCR 2125, 2518, 2990, 2995, and 2997]	
					The proposed amendments change the calculation method for handling fee payments to convenience zone recyclers. The handling fee would be calculated by subtracting the non-handling fee site costs from the handling fee site costs, to be effective 07/01/2008. Comments are due 10/01/2007.	
CA-2007-84	Water	08/17/2007	<u>CRNR</u>	Approved	State Water Resources Control Board	
	Colorado River Basin Plan		2007, 33z, p. 1378	Amendment	TMDL for Trash in the New River at the International Boundary [23 CCR 3967]	
					This amendment to the Water Quality Control Plan for the Colorado River Basin Region establishes a TMDL for trash in the New River. Approved 04/18/2007.	
CA-2007-85	Water	08/24/2007	<u>CRNR</u>	Adopted	State Water Resources Control Board	
	Los Angeles Basin Plan		2007, 34z, p. 1421	Resolution	Amendment to the Los Angeles Basin Plan [23 CCR 3939.25]	
					Revises Basin Plan "Water Quality Objectives," to incorporate a variance provision for groundwater mineral water quality objectives. Approved 05/22/2007.	
CA-2007-86	Water Permits	08/03/2007	<u>CRNR</u> 2007, 31z,	Proposed Rule	San Francisco Bay Conservation and Development Commission	
			p. 1301		Permit Application Filing Requirements and Application Process [14 CCR 10310, 10360, 10810, 10820, Appendix D, and Appendix F]	
					The Commission has proposed amendments to achieve three goals: Reflect changes in the Commission's policies. Help applicants file all the necessary information to improve analysis efficiency. Make editorial changes. Comments are due 09/20/2007.	
CA-2007-87	Water	08/24/2007	CRNR	Approved	State Water Resources Control Board	
	Upper Santa Clara River		2007, 34z, p. 1421	Amendment	Revision of the Implementation Plan for Upper Santa Clara River Chloride TMDL [23 CCR 3939.10]	
	Plan				Accelerates the schedule for compliance with the TMDL for chloride limits from 13 years to 11 years and adds implementation milestones for TMDL planning to the regulatory provisions of the Implementation Plan. Approved 05/22/2007.	

2.3 Florida State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and Programs in Florida.

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL-2007-79	Air Emissions	08/17/2007	FAW Notice	<u>vtice</u> Rule	Chapter 62–FDEP 213–Operation Permits for Major Sources of Air Pollution	KSC should be aware of the
	Fees		#4456682		Proposed rule includes an amendment to Chapter 62-213, F.A.C., to increase the annual Title V emissions factor and to provide that the Title V permit serve as written notice to the Title V source of the annual requirement for submission of the emissions fee. This notice corrects the Notice of Rule Development published 07/13/2007 (FAW Notice #4319427).	proposed changes.
FL-2007-80	Energy; Climate	08/17/2007	FAW Notice	Notice	Chapter 62–Action Team on Energy and Climate Change	
	Change		#4472590	Meeting	Announces a meeting to outline the organizational process and to discuss policy issues in regard to developing a comprehensive Energy and Climate Change Action Plan that will address the statewide greenhouse gas reductions specified in EO 07-128. The meeting is scheduled for 08/29/2007 at 9:00 a.m. at The Capitol, Tallahassee, Florida.	
					See Section 2.3.1 below for further information about the Action Team.	
FL-2007-81	Water	08/24/2007	FAW Notice	Notice	Chapter 62–FDEP 4.050 and 4.052–Stormwater Permit Fees and MS4 Surveillance Fees	
		#4482775	Hearing Correction	The Notice of Proposed Rule on 08/10/2007 announced a hearing scheduled for 09/03/2007. This hearing inadvertently was scheduled on a holiday; therefore, the hearing has been rescheduled. The proposed rule amendment would increase certain NPDES stormwater permitting fees in paragraph 62-4.050(4)(d) and Phase I MS4 annual surveillance fees in Subsection 62-4.052(10), F.A.C. The hearing is scheduled for 09/19/2007 at 1:00 p.m. at the Bob Martinez Center, Tallahassee, Florida.		
FL-2007-82	Water	08/17/2007	FAW Notice	Notice	Chapter 40C–St. John's River Water Management District	
	St John's River Water Management District		#4485491	Workshop Hearing	Official presentation of the tentative FY 2007-2008 millage rate and budget and opportunity to receive public comment prior to consideration and adoption by the Governing Board. The hearing is scheduled for 09/11/2007 at 5:05 p.m. at the District Headquarters, Palatka, Florida.	
FL-2007-83	Water	08/17/2007	FAW Notice	Notice	Chapter 40C–St. John's River Water Management	
	St. John's Water Management District		Notice #4484618	Meeting	Announces a public meeting to consider District business items including regulatory and non-regulatory matters. Staff may recommend approval of external budget amendments that affect the adopted budget. Meeting is scheduled for 09/11/2007 at 8:15 a.m. at the District Headquarters, Palatka, Florida.	
FL-2007-84	Water	08/24/2007	FAW Notice	Notice	Chapter 40C–St. John's River Water Management District	
	St John's River Water Management District		#4500429	Hearing	Official presentation of the final FY 2007-2008 millage rate and budget and opportunity to receive public comment prior to consideration and adoption by the Governing Board. The meeting is scheduled for 09/25/2007 at 5:05 p.m. to be held at the District Headquarters, Palatka, Florida.	

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL-2007-85	Water St John's River Water Management District	08/24/2007	FAW Notice #4538841	Notice Meeting	Chapter 40C–St. John's River Water Management District Announces meeting to receive public testimony concerning proposed amendments to the District's 2007 updated Florida Forever Work Plan. The meeting is scheduled for 09/11/2007 at 1:00 p.m. to be held at the District Headquarters, Palatka, Florida.	

2.3.1 Florida Governor Appoints Team to Develop a Plan to Reduce Carbon Emissions

On 13 August 2007 Florida Governor Charlie Crist named a 21-member panel, titled the Florida Governor's Action Team on Energy and Climate Change, for developing the state's energy and climate change action plan. The team, authorized by an EO issued by the Governor in July (Number 07-128), will be led by Michael W. Sole, the state's Secretary of Environmental Protection.

The team is tasked with developing the plan in two phases. The first phase, to be completed by 1 November 2007, is to recommend a state energy policy. The policy will include legislative initiatives to enhance energy and conservation by incorporating GHG emission strategies. The first phase also must include strategies to accomplish the following:

- Diversify fuels used to generate electricity.
- Establish policies for emission reporting.
- Create a registry to measure and document emission reductions.
- Evaluate reducing greenhouse gas emissions from motor vehicles.
- Develop a plan for increasing renewable transportation fuels.

The team has until 1 October 2008 to complete the second phase, which includes investigating carbon capture and storage technologies and coordinating a long-term public policy focused on reducing GHGs in a number of areas, including the following:

- Economic development
- University-based research and technology development
- Natural resource and growth management
- Transportation

Additional information regarding the Florida Governor's Action Team on Energy and Climate Change is available at: http://www.dep.state.fl.us/climatechange/team.htm.

2.4 Hawaii State Regulatory Review

No items of interest were identified during this reporting period for the state of Hawaii.

2.5 Louisiana State Regulatory Review

This summary includes items that were reviewed for potential impact to NASA Centers and Programs in Louisiana.

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
LA-2007-29	Air State	08/20/2007	33 Louisiana Register	Final Rule	Clean Air Interstate Rule Nitrogen Oxide Annual and Ozone Season Trading Programs [LAC 33:III.506]	
	Implementation Plan		1621		Revises the Louisiana SIP to define methodology for allocating NOx allowances to electrical generating units subject to CAIR.	
					Further information about CAIR in Louisiana is posted at the LDEO's <u>website</u> .	

2.6 Maryland State Regulatory Review

No items of interest were identified during this reporting period for Maryland.

2.7 Mississippi State Regulatory Review

No items of interest were identified during this reporting period for Mississippi.

2.8 New Mexico State Regulatory Review

This summary includes items that were reviewed for potential impact to NASA Centers and Programs in New Mexico.

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
NM-2007-19	Hazardous	08/17/2007	72 FR	Notice	EPA	
	Waste <u>46165</u>		RCRA; Notice of Final Authorization of State Hazardous Waste Management Program Revision [40 CFR Part 271]			
					Announces its approval of the proposed changes to the State of New Mexico Hazardous Waste Management Program under RCRA, and is authorizing the state's changes through immediate final rule. Effective 10/16/2007. Comments due to EPA 09/17/2007.	
					The New Mexico Hazardous Waste Program revisions satisfy all of the requirements necessary to qualify for final authorization. The State of New Mexico's program revisions consist of regulations that specifically govern RCRA Clusters X through XII and also checklists 26, 54, 80, 84, 89, 107, 117A, 126, 129, 133, and 142E. There are no provisions that are more stringent or broader in scope than the federal rules.	

2.9 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and Programs in Ohio.

Tracking		Date				Suggested
No.	Subject	Published	Ref. Page	Type Action	Description	Actions
OH-2007-54	Air	08/15/2007	OAC <u>3745-</u> <u>109</u>	Proposed Rule Update	Division of Air Pollution Control, Ohio Environmental Protection Agency Proposed new Clean Air Interstate Rules OEPA has re-filed new rules in OAC Chapter 3745-109, "Clean Air Interstate Rules (CAIR)," that originally were proposed to the Joint Committee on Agency Rule Review on 04/09/2007. Rules 3745-109-01 to 3745-109-21 are intended to assist Ohio in complying with the requirements of EPA's CAIR, finalized 05/12/2005, at 70 FR 25162. The rules establish a cap and trade program for annual and seasonal emissions of NOx and a discounting mechanism for emissions of sulfur dioxide from EGUs and large industrial boilers (non-EGUs) to achieve the emission reductions. The rules were withdrawn from the earlier rulemaking process to address comments received concerning the proposed rule changes. The re-filed rules will become effective after the completion of a review by the Joint Committee on Agency Rule Review.	
OH-2007-55	Water Permits	08/17/2007	OAC <u>3745-</u> <u>42-02</u>	Draft Rule	Division of Surface Water, Ohio Environmental Protection Agency Proposed Rulemaking Governing Permits to Install and Plan Approvals for Water Pollution and Control OEPA proposes to amend OAC rule 3745-42-02, governing the applicability and procedures for permits to install. The draft rule includes the following: The addition of general permit to install exemptions, such as storm water conveyance and treatment systems in accordance with MS4s and construction general storm water permits The addition of a permit to install exemptions for small pretreatment works The addition of a permit to install exemptions for preconstruction and site preparation activities If, after the close of the comment period, OEPA decides to proceed with the rule amendments, a public hearing and another public comment period will be scheduled later in 2007. Comments are due 09/21/2007.	NASA facilities should consider reviewing for applicability.

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH-2007-56	Storm Water	08/14/2007	OAC <u>3745-</u> <u>39-04</u>	Proposed Rule	Division of Surface Water, Ohio Environmental Protection Agency Proposed Rulemaking Governing Storm Water Program—Storm Water Rule (NPDES requirements for industries, and large and medium MS4s) OEPA proposes to adopt OAC rule 3745-39-04 to incorporate the federal requirements into the OAC. OAC Chapter 3745-39 addresses NPDES requirements for the discharge of storm water to surface waters of the state. Rules 3745-39-01 to 03, which became effective on 06/17/2004, address EPA's small MS4 regulations, which constitute the bulk of EPA's Phase II program. Proposed Rule 3745-39-04 would address the remainder of the federal storm water rules OEPA is required to administer, commonly referred to as the Phase I rules. Rule 3745-39-04 would not alter OEPA's current implementation of the NPDES storm water program. Comments are due 09/21/2007. A public hearing will be held on 09/20/2007.	NASA facilities should consider reviewing for applicability.

2.10 Texas State Regulatory Reviews

This summary includes items that were reviewed for potential impacts to NASA Centers and Programs in Texas. Citations of the *Texas Register* are linked within the text to the corresponding entry in the version of the *Texas Register* published in HTML file format. Current and historical versions of the *Texas Register* in HTML and Adobe Acrobat (.pdf) file format can be downloaded from the *Texas Register* section of the Texas Secretary of State website.

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
TX-2007-40	Air Bulk Fuel Terminals	08/17/2007	32 TexReg 5208	Notice Hearing	Notice of Comment Period and Hearing on Rescinding Bulk Fuel Terminal and Site-wide General Operating Permits	
					Provides notice of public comment period and hearing on rescission of the Bulk Fuel Terminal GOP Number 515 and Site-wide GOP Number 516. GOP Numbers 515 and 516 were revised in February 2004, with revisions to the qualification criteria requiring all permit holders authorized to operate under GOP Number 515 or GOP Number 516 to submit a site operating permit application. In addition, GOPs are required to be renewed at least every 5 years. GOP Number 515 expired in 2006 and was not renewed. Hence, no permit holders should currently be authorized to operate under GOP Numbers 515 or 516. A hearing will be held in Austin, Texas, on 09/18/2007. Comments are due 09/24/2007.	
TX-2007-41	Air HAP- NESHAP	08/24/2007	32 TexReg 5296	Proposed Rules	Standards of Performance for Hazardous Air Pollutants and for Designated Facilities and Pollutants [30 TAC Chapter 113]	
					Proposes to incorporate by reference amendments made to the NESHAP for Source Categories and to add six NESHAPs that have not previously been incorporated. A public hearing on this proposal will be held in Austin, Texas, on 09/18/2007. Comments are due 09/12/2007. The earliest possible date of adoption is 09/23/2007.	

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
TX-2007-42	Storm Water Permits	08/24/2007	32 TexReg 5413	Notice	Notice of Executive Director's Response to Comments on General Permit Number TXR040000 Gives notice of response to comments received on Texas Pollutant Discharge Elimination System General Permit No. TXR040000. This general permit	NASA facilities should note that this item contains responses to NASA comments.
					would authorize discharges of storm water and certain non-storm water discharges from small MS4s.	

2.10.1 TCEQ Holds Pollution Prevention Planning Workshops

TCEQ is hosting workshops to educate industry professionals about filing the required pollution prevention plans. Environmental, health, and safety managers, plant managers, production personnel, wastewater operators, municipal solid waste technicians, and engineers or related professionals are encouraged to attend. The Waste Reduction Policy Act requires both large and small generators of hazardous waste, and facilities that report to the Toxic Release Inventory to file a pollution prevention plan with the state. The workshops will teach participants how to draft and file the plans and also how to explore potential benefits to a company's bottom line. Workshops are scheduled as follows:

- Austin 26 27 September
- Houston 18 19 October
- Fort Worth/Arlington 1 2 November
- Beaumont 8 9 November

2.11 Virginia State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and Programs in Virginia. Citations of the <u>VA.R.</u> are linked to the appropriate volume of the Register, which is published in Adobe Acrobat (.pdf) file format.

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA-2007-30	Tanks	08/20/2007	23:25 VA.R	Proposed	State Water Control Board	
Underground Storage Tanks		4100	Regulation	9 VAC 25-580. Underground Storage Tanks: Technical Standards and Corrective Action Requirements.		
					Proposes to amend the technical standards and corrective action requirements and to incorporate requirements of the federal Energy Policy Act of 2005. Comments are due 09/26/2007.	
VA-2007-31	Water	08/20/2007	23:25 VA.R.	Proposed	State Water Control Board	
VPDE	VPDES	VPDES 4270-4289	4270-4289	Regulation	9 VAC 25-120. VPDES Permit Regulation for Discharges from Petroleum-contaminated Sites, Groundwater Remediation, and Hydrostatic Tests	
				The changes proposed include permitting discharges to state waters listed as public water supplies and to permit discharges of wastewater contaminated by chlorinated hydrocarbon solvents. Effluent limits for some constituents will be amended. Comments are due 10/19/2007.		

Tracking No.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA-2007-32	Water	08/20/2007	23:25 VA.R	Proposed	State Water Control Board	
	VPDES		4289-4298	Regulation	9 VAC 25-196, VPDES permit for Non-contact Cooling Water Discharges of 50,000 gallons per day or less	
					Proposes to reissue the existing VPDES cooling water discharge permit that expires 03/01/2008, and establishes limitations and monitoring requirements for point source discharges of noncontact cooling water. Comments are due 10/19/2007.	
VA-2007-33	Water	08/06/2007	<u>Public</u>	Consent Order– Public Notice	State Water Control Board	
	Wastewater		<u>Notice</u>		A consent order has been proposed for the HRSD. The consent order describes a settlement to resolve alleged violations resulting from sanitary sewer overflows. The City of Hampton is included. Comments are due 09/05/2007.	